

CASE NO. 23764

**APPLICATION OF MEWBOURNE OIL COMPANY
FOR COMPULSORY POOLING,
EDDY COUNTY, NEW MEXICO**

EXHIBIT LIST

1. Application and Proposed Notice
2. Landman's Affidavit
3. Geologist's Affidavit
4. Affidavit of Mailing
5. Certified Notice Spreadsheet
6. Pooling Checklist

BEFORE THE NEW MEXICO OIL CONSERVATION DIVISION

**APPLICATION OF MEWBOURNE OIL COMPANY
FOR COMPULSORY POOLING, EDDY COUNTY,
NEW MEXICO.**

Case No. 2376A

APPLICATION

Mewbourne Oil Company applies for an order pooling all uncommitted mineral interest owners in the Bone Spring formation underlying a horizontal spacing unit comprised of the S/2S/2 of Section 27 and the S/2SW/4 of Section 26, Township 18 South, Range 28 East, N.M.P.M., Eddy County, New Mexico, and in support thereof, states:

1. Applicant is an interest owner in the S/2S/2 of Section 27 and the S/2SW/4 of Section 26 (containing 240 acres), and has the right to drill a well or wells thereon.
2. Applicant proposes to drill (a) the Woodford 27/26 B2MN State Com. Well No. 1H, and (b) the Woodford 27/26 B3MN State Com. Well No. 1H. Both wells have a first take point in the SW/4SW/4 of Section 27 and a last take point in the SE/4SW/4 of Section 26
3. Applicant has in good faith sought to obtain the voluntary joinder of all other mineral interest owners in the S/2S/2 of Section 27 and the S/2SW/4 of Section 26 for the purposes set forth herein.
4. Although applicant attempted to obtain voluntary agreements from all mineral interest owners to participate in the drilling of the well or to otherwise commit their interests to the well, certain interest owners have failed or refused to join in dedicating their interests. Therefore, applicant seeks an order pooling all uncommitted mineral interest owners in the Bone Spring formation underlying the S/2S/2 of Section 27 and the S/2SW/4 of Section 26, pursuant to NMSA 1978 §70-2-17.

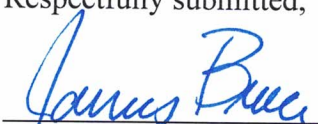
EXHIBIT |

5. The pooling of all uncommitted mineral interest owners in the Bone Spring formation underlying the S/2S/2 of Section 27 and the S/2SW/4 of Section 26 will prevent the drilling of unnecessary wells, prevent waste, and protect correlative rights.

WHEREFORE, applicant requests that, after notice and hearing, the Division enter its order:

- A. Pooling all uncommitted mineral interest owners in the Bone Spring formation (Travis; Bone Spring Pool/Pool Code 97257) underlying the S/2S/2 of Section 27 and the S/2SW/4 of Section 26;
- B. Designating applicant as operator of the wells;
- C. Considering the cost of drilling, completing, equipping, and testing the wells, and allocating the cost among the wells' working interest owners;
- D. Approving actual operating charges and costs charged for supervision, together with a provision adjusting the rates pursuant to the COPAS accounting procedure; and
- E. Setting a 200% charge for the risk involved in drilling, completing, equipping, and testing the wells in the event a working interest owner elects not to participate in the wells.

Respectfully submitted,



James Bruce
Post Office Box 1056
Santa Fe, New Mexico 87504
(505) 982-2043

Attorney for Mewbourne Oil Company

Application of Mewbourne Oil Company for compulsory pooling, Eddy County, New Mexico.

Mewbourne Oil Company seeks an order pooling all mineral interest owners in the Bone Spring formation underlying a horizontal spacing unit comprised of the S/2S/2 of Section 27 and the S/2SW/4 of Section 26, Township 18 South, Range 28 East, NMPM. The unit will be dedicated to (a) the Woodford 27/26 B2MN State Com. Well No. 1H, and (b) the Woodford 27/26 B3MN State Com. Well No. 1H. Both wells have a first take point in the SW/4SW/4 of Section 27 and a last take point in the SE/4SW/4 of Section 26. Also to be considered will be the cost of drilling, completing, equipping, and testing the wells and the allocation of the cost thereof, as well as actual operating costs and charges for supervision, designation of applicant as operator of the wells, and a 200% charge for the risk involved in drilling, completing, equipping, and testing the wells. The unit is located approximately 14 miles east-southeast of Atoka, New Mexico.

**STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION**

**IN THE MATTER OF THE HEARING CALLED
BY THE OIL CONSERVATION DIVISION FOR
THE PURPOSE OF CONSIDERING:**

**APPLICATION OF MEWBOURNE OIL COMPANY
FOR COMPULSORY POOLING, EDDY COUNTY,
NEW MEXICO.**

Case No. 23764

SELF-AFFIRMED STATEMENT OF BRAXTON BLANDFORD

Braxton Blandford deposes and states:

1. I am a landman for Mewbourne Oil Company ("Mewbourne"), and have personal knowledge of the matters stated herein. I have previously testified before the Division and my qualifications as an expert in petroleum land matters was accepted of record.

2. Pursuant to Division Rules, the following information is submitted in support of the compulsory pooling application filed herein.

3. The purpose of this application is to force pool uncommitted working interest owners into the Bone Spring horizontal spacing unit described below, and in wells to be drilled in the unit.

4. No opposition is expected because the interest owners being pooled have been contacted regarding the proposed wells, but have failed or refused to voluntarily commit their interests to the wells.

5. A plat outlining the unit being pooled is submitted as Attachment A. Mewbourne seeks an order pooling all uncommitted mineral interest owners in the Bone Spring formation underlying a horizontal spacing unit comprised of the S/2S/2 of Section 27 and the S/2SW/4 of Section 26, Township 18 South, Range 28 East, NMPM. The unit will be dedicated to (a) the Woodford 27/26 B2MN State Com. Well No. 1H, and (b) the Woodford 27/26 B3MN State Com. Well No. 1H. Both wells have a first take point in the SW/4SW/4 of Section 27 and a last take point in the SE/4SW/4 of Section 26.

Form C-102s for the wells are submitted as part of Attachment A.

6. There is no depth severance in the Bone Spring formation.

EXHIBIT

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7. A plat outlining the tracts in the units being pooled, and listing the interest owners and their interests, is submitted as Attachment B. Attachment C is a summary of communications and a sample copy of the proposal letter sent to the uncommitted working interest owners.

8. Mewbourne has made a good faith effort to locate and obtain the voluntary joinder of the working interest owners in the proposed wells.

9. Attachment D contains the Authorizations for Expenditure for the proposed wells. The estimated costs of the wells set forth therein are fair and reasonable, and comparable to the costs of other wells of similar depth and length drilled in this area of Eddy County.

10. Mewbourne requests overhead and administrative rates of \$8000/month for a drilling well and \$800/month for a producing well. These rates are fair, and comparable to the rates charged by other operators for wells of this type in this portion of Eddy County. They are also the rates set forth in the Joint Operating Agreement for the well unit. Mewbourne requests that these rates be adjusted periodically as provided in the COPAS Accounting Procedure.

11. Mewbourne requests that the maximum cost plus 200% risk charge be assessed against non-consenting working interest owners.

12. Mewbourne requests that it be designated operator of the wells.

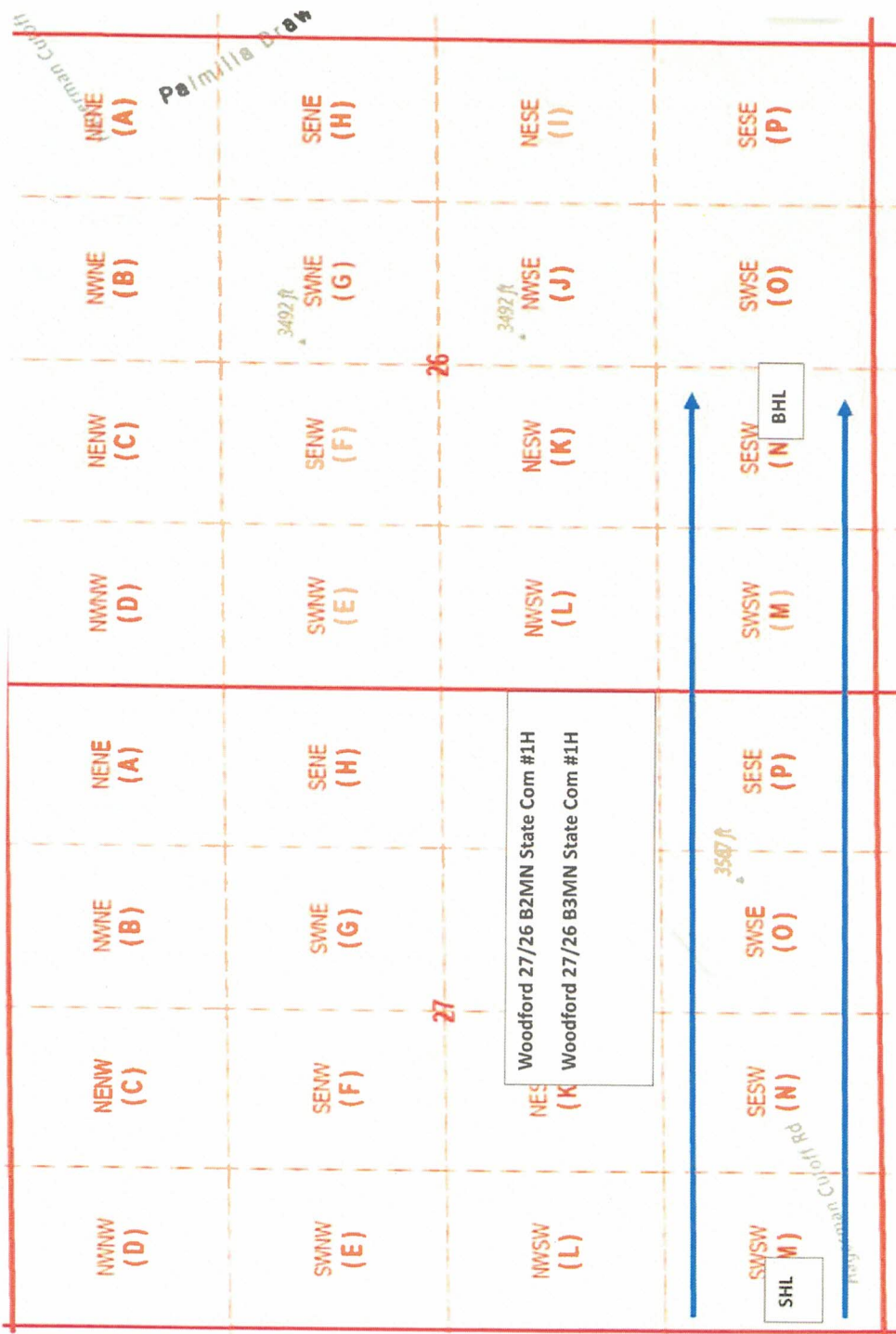
13. The attachments to this affidavit were prepared by me, or compiled from company business records.

14. The granting of this application is in the interests of conservation and the prevention of waste.

I understand that this Self-Affirmed Statement will be used as written testimony in this case. I affirm that my testimony in paragraphs 1 through 14 above is true and correct and is made under penalty of perjury under the laws of the State of New Mexico. My testimony is made as of the date handwritten next to my signature below.

Date: 9/5/2023

Braxton Blandford
Braxton Blandford



ATTACHMENT

A

District I
1625 N French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number		2 Pool Code 97257		3 Pool Name Travis; Bone Springs					
4 Property Code		5 Property Name WOODFORD 27/26 B2MN STATE COM			6 Well Number 1H				
7 GRID NO.		8 Operator Name MEWBOURNE OIL COMPANY			9 Elevation 3560'				
10 Surface Location									
UL or lot no. L	Section 27	Township 18S	Range 28E	Lot Idn	Feet from the 1460	North/South line SOUTH	Feet from the 265	East/West line WEST	County EDDY
11 Bottom Hole Location If Different From Surface									
UL or lot no. N	Section 26	Township 18S	Range 28E	Lot Idn	Feet from the 450	North/South line SOUTH	Feet from the 2503	East/West line WEST	County EDDY
12 Dedicated Acres 240		13 Joint or Infill	14 Consolidation Code	15 Order No.					

No allowable will be assigned to this completion until all interest have been consolidated or a non-standard unit has been approved by the division.

16

CORNER DATA
NAD 83 GRID - NM EAST

A: FOUND BRASS CAP "1941" N: 622603.9 - E: 590847.9	H: FOUND BRASS CAP "1941" N: 625395.8 - E: 601241.2
B: FOUND BRASS CAP "1941" N: 625246.1 - E: 590842.4	I: FOUND BRASS CAP "1941" N: 622744.4 - E: 601240.5
C: FOUND BRASS CAP "1941" N: 627898.3 - E: 590836.8	J: FOUND BRASS CAP "1941" N: 622712.4 - E: 598636.8
D: FOUND BRASS CAP "1941" N: 627927.4 - E: 593433.2	K: FOUND BRASS CAP "1941" N: 622680.8 - E: 596034.8
E: FOUND BRASS CAP "1941" N: 627965.4 - E: 596028.1	L: FOUND BRASS CAP "1941" N: 622642.1 - E: 593443.4
F: FOUND BRASS CAP "1941" N: 628004.1 - E: 598635.8	M: FOUND BRASS CAP "1941" N: 625324.5 - E: 596034.3
G: FOUND BRASS CAP "1941" N: 628042.7 - E: 601243.0	

GEODETTIC DATA
NAD 83 GRID - NM EAST

SURFACE LOCATION
N: 624067.4 - E: 591109.8
LAT: 32.7154974° N
LON: 104.1715023° W

BOTTOM HOLE
N: 623161.1 - E: 598536.8
LAT: 32.7129727° N
LON: 104.1713592° W

17 OPERATOR CERTIFICATION
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or is a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature: _____ Date: _____
Printed Name: _____
E-mail Address: _____

18 SURVEYOR CERTIFICATION
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

11/15/2022
Date of Survey

Signature and Seal of Professional Surveyor: _____

9680
Certificate Number

Job No.: LS2211231

District I
1625 N French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
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State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number	91257	2 Pool Code	Travis; Bone Spring	3 Pool Name
4 Property Code	5 Property Name WOODFORD 27/26 B3MN STATE COM			6 Well Number 1H
7 GRID NO.	8 Operator Name MEWBOURNE OIL COMPANY			9 Elevation 3560'

10 Surface Location									
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	27	18S	28E		1480	SOUTH	265	WEST	EDDY

11 Bottom Hole Location If Different From Surface									
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	26	18S	28E		450	SOUTH	2503	WEST	EDDY

12 Dedicated Acres 240	13 Joint or Infill	14 Consolidation Code	15 Order No.
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No allowable will be assigned to this completion until all interest have been consolidated or a non-standard unit has been approved by the division.

16

CORNER DATA
NAD 83 GRID - NM EAST

<p>GEODEIC DATA NAD 83 GRID - NM EAST SURFACE LOCATION N: 624087.4 - E: 591109.7 LAT: 32.7155524° N LON: 104.1715023° W BOTTOM HOLE N: 623161.1 - E: 598536.8 LAT: 32.7129727° N LON: 104.1473592° W</p>	<p>A: FOUND BRASS CAP "1941" N: 622603.9 - E: 590847.9 B: FOUND BRASS CAP "1941" N: 625246.1 - E: 590842.4 C: FOUND BRASS CAP "1941" N: 627888.3 - E: 590836.8 D: FOUND BRASS CAP "1941" N: 627927.4 - E: 593433.2 E: FOUND BRASS CAP "1941" N: 627965.4 - E: 596028.1 F: FOUND BRASS CAP "1941" N: 628004.1 - E: 598635.8 G: FOUND BRASS CAP "1941" N: 628042.7 - E: 601243.0</p>	<p>H: FOUND BRASS CAP "1941" N: 625395.8 - E: 601241.2 I: FOUND BRASS CAP "1941" N: 622744.4 - E: 601240.5 J: FOUND BRASS CAP "1941" N: 622712.4 - E: 598636.8 K: FOUND BRASS CAP "1941" N: 622680.8 - E: 596034.8 L: FOUND BRASS CAP "1941" N: 622642.1 - E: 593443.4 M: FOUND BRASS CAP "1941" N: 625324.5 - E: 596034.3</p>
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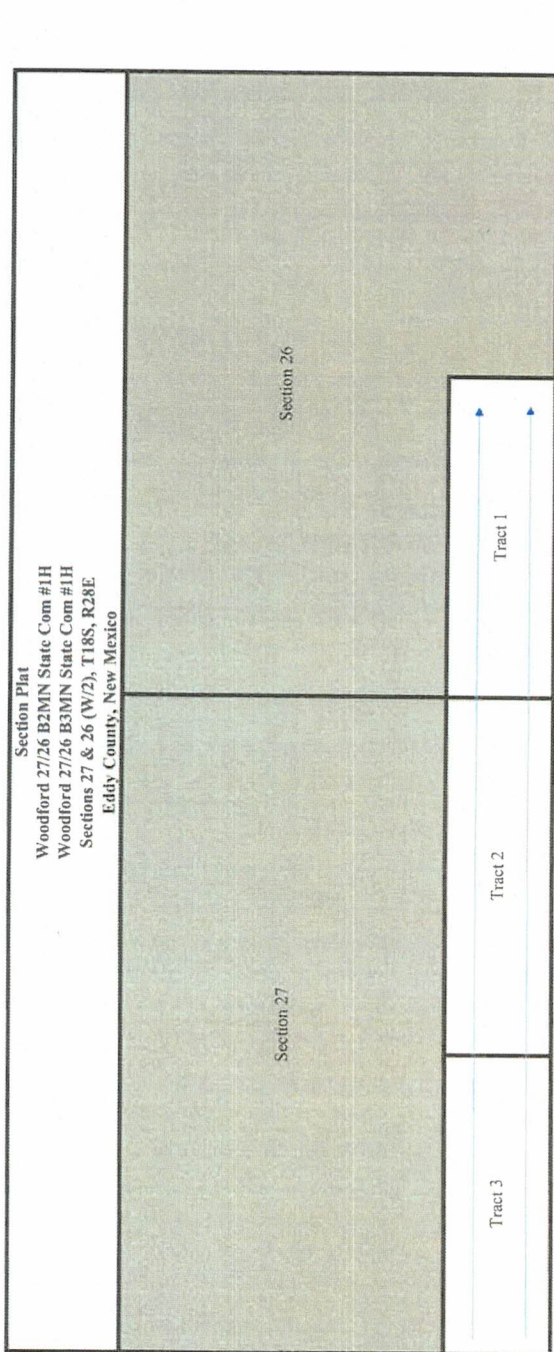
17 OPERATOR CERTIFICATION
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature: _____ Date: _____
Printed Name: _____
E-mail Address: _____

18 SURVEYOR CERTIFICATION
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

11/15/2022
Date of Survey
Signature and Seal of Professional Surveyor: _____
19680
Certificate Number

Job No.: LS2211233



Tract 1: S/2SW/4 of Section 26- State Lease VC-1092-0000
Mewbourne Oil Company
BEXP II Omega, LLC
BEXP II Alpha, LLC

Tract 2: S/2SE/4 of Section 27 -State Leases X0-0647-0419 & X0-0647-0421
Mewbourne Oil Company
EOG Resources, Inc.

Tract 3: S/2SW/4 of Section 27-State Lease X0-0647-0421
OXY USA WTP LP
EOG Resources, Inc.

RECAPITULATION FOR WOODFORD 27/26 B2MN STATE COM #1H & WOODFORD 27/26 B3MN STATE COM #1H

	Number of Acres Committed	Percentage of Interest in Communitized Area
1	80	33.333333%
2	80	33.333333%
3	80	33.333333%
TOTAL	240	100.000000%

ATTACHMENT **B**

S/2SW/4 of Section 26 & S/2S/2 of Section 27

Rome Springs Formation:

Owner	% of Leasehold Interest
Mewbourne Oil Company, et al.	88.715263%
* EOG Resources, Inc.	11.284737%
TOTAL	100.000000%

* Total Interest Being Pooled: 11.284737%

OWNERSHIP BY TRACT

S/2SW/4 of Section 26

Owner	% of Leasehold Interest
Mewbourne Oil Company, et al	100.000000%
TOTAL	100.000000%

S/2SE/4 of Section 27

Owner	% of Leasehold Interest
Mewbourne Oil Company	84.201388%
EOG Resources, Inc.	15.798612%
TOTAL	100.000000%

S/2SW/4 of Section 27

Owner	% of Leasehold Interest
Mewbourne Oil Company, et al.	81.944400%
EOG Resources, Inc.	18.055600%
TOTAL	100.000000%

Summary of Communications

Woodford 27/26 B2MN State Com #1H

Woodford 27/26 B3MN State Com #1H

S/2S/2 of Section 27 & S/2SW/4 of Section 26

T18S-R28E, Eddy County, NM

EOG Resources, Inc.

4/18/2023: Mailed Working Interest Unit, Well Proposal and Joint Operating Agreement to the above listed party.

5/16/2023: Email correspondence with the above listed party regarding the Well Proposal and Working Interest Unit.

6/8/2023: Email correspondence with the above listed party regarding the Well Proposal and Working Interest Unit.

6/22/2023: Email correspondence with the above listed party regarding the Well Proposal and Working Interest Unit.

7/11/2023: Email correspondence with the above listed party regarding the Well Proposal and Working Interest Unit.

7/25/2023: Email correspondence with the above listed party regarding the Well Proposal and Working Interest Unit.

ATTACHMENT C

MEWBOURNE OIL COMPANY

FASKEN CENTER
500 WEST TEXAS, SUITE 1020
MIDLAND, TX 79701

TELEPHONE (432) 682-3715
FACSIMILE (432) 685-4170

April 17, 2023

Certified Mail

EOG Resources, Inc.
5509 Champions Drive
Midland, Texas 79706
Attn: Brian Pond

Re: Woodford 27/26 B2MN State Com #1H and Woodford 27/26 B3MN State Com #1H
1250' FSL & 100' FWL (Section 27) 1270' FSL & 100' FWL (Section 27)
450' FSL & 2540' FWL (Section 26) 450' FSL & 2540' FWL (Section 26)

Ladies and Gentlemen:

Mewbourne Oil Company ("Mewbourne"), as Operator, proposes to form a 960.00 acre Working Interest Unit ("WIU") covering the W/2 of the captioned Section 26 and Section 27 (ALL) for oil and gas production. The targeted interval for the initial test is the Bone Spring formation. Our records indicate that you own a portion of the operating rights in the WIU, and your working interest is reflected on the enclosed AFE.

In addition, Mewbourne as Operator hereby proposes to drill the captioned Woodford 27/26 B2MN State Com #1H well at the above referenced surface location (SL) to the referenced bottom hole location (BHL). The proposed well will be drilled to an approximate true vertical depth (TVD) of 7,486 feet subsurface to evaluate the Second Bone Spring Sand Formation. The proposed well will have a measured depth (MD) of approximately 14,681 feet. The S/2SW/4 of Section 26 and the S/2S/2 of Section 27 will be dedicated to the well as the proration unit.

Finally, Mewbourne as Operator hereby proposes to drill the captioned Woodford 27/26 B3MN State Com #1H well at the above referenced surface location (SL) to the referenced bottom hole location (BHL). The proposed well will be drilled to an approximate true vertical depth (TVD) of 8,444 feet subsurface to evaluate the Third Bone Spring Sand Formation. The proposed well will have a measured depth (MD) of approximately 15,602 feet. The S/2SW/4 of Section 26 and the S/2S/2 of Section 27 will be dedicated to the well as the proration unit.

Regarding the above, enclosed for your further handling is our Operating Agreement dated March 1, 2023, along with an extra set of signature pages and our AFEs dated November 8, 2022, for the captioned proposed wells. Please sign and return said AFEs and extra set of signature pages at your earliest convenience if you elect to participate in the captioned wells and WIU and return to me within thirty (30) days.

If you have any questions regarding the above, please email me at bblandford@mewbourne.com or call me at (432) 682-3715.

Sincerely,

MEWBOURNE OIL COMPANY

A handwritten signature in blue ink that reads "Braxton Blandford". The signature is written in a cursive style.

Braxton Blandford
Landman



April 21, 2023

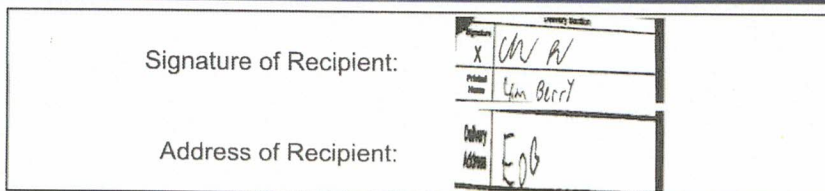
Dear Simple Certified:

The following is in response to your request for proof of delivery on your item with the tracking number: **9402 8361 0426 2709 5105 33**.

Item Details

Status:	Delivered, Individual Picked Up at Postal Facility
Status Date / Time:	April 21, 2023, 7:50 am
Location:	MIDLAND, TX 79702
Postal Product:	Priority Mail®
Extra Services:	Certified Mail™ Return Receipt Electronic Up to \$100 insurance included
Recipient Name:	Brian Pond

Recipient Signature



Note: Scanned image may reflect a different destination address due to Intended Recipient's delivery instructions on file.

Thank you for selecting the United States Postal Service® for your mailing needs. If you require additional assistance, please contact your local Post Office™ or a Postal representative at 1-800-222-1811.

Sincerely,
United States Postal Service®
475 L'Enfant Plaza SW
Washington, D.C. 20260-0004

Brian Pond EOG Resources Inc. 5509 Champions Drive Midland, TX 79706 Reference #: Woodford
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MEWBOURNE OIL COMPANY

AUTHORIZATION FOR EXPENDITURE

Well Name: **WOODFORD 27/26 B2MN STATE COM #1H** Prospect: **2BSS (1.5 Mile Lateral)**
 Location: **SL: 1250 FSL & 100 FWL (27); BHL: 450 FSL & 2540 FWL (26)** County: **Eddy** ST: **NM**
 Sec. **27/26** Blk: Survey: TWP: **18S** RNG: **28E** Prop. TVD: **7486** TMD: **14681**

INTANGIBLE COSTS 0180		CODE	TCP	CODE	CC
Regulatory Permits & Surveys		0180-0100	\$20,000	0180-0200	
Location / Road / Site / Preparation		0180-0105	\$50,000	0180-0205	\$35,000
Location / Restoration		0180-0106	\$100,000	0180-0206	\$50,000
Daywork / Turnkey / Footage Drilling	19 days drig / 3 days comp @ \$29000/d	0180-0110	\$588,500	0180-0210	\$92,900
Fuel	1700 gal/day @ \$4.7/gal	0180-0114	\$162,100	0180-0214	\$232,650
Alternate Fuels		0180-0115		0180-0215	
Mud, Chemical & Additives		0180-0120	\$45,000	0180-0220	
Mud - Specialized		0180-0121	\$170,000	0180-0221	
Horizontal Drilout Services				0180-0222	\$150,000
Stimulation Toe Preparation				0180-0223	\$40,000
Cementing		0180-0125	\$110,000	0180-0225	\$35,000
Logging & Wireline Services		0180-0130	\$33,500	0180-0230	\$280,500
Casing / Tubing / Snubbing Services		0180-0134	\$25,000	0180-0234	\$12,000
Mud Logging		0180-0137	\$15,000		
Stimulation	37 Stg 15.1 MM gal / 18.9 MM lb			0180-0241	\$2,141,200
Stimulation Rentals & Other				0180-0242	\$227,000
Water & Other		0180-0145	\$40,000	0180-0245	\$325,500
Bits		0180-0148	\$94,000	0180-0248	\$5,000
Inspection & Repair Services		0180-0150	\$50,000	0180-0250	\$5,000
Misc. Air & Pumping Services		0180-0154		0180-0254	\$10,000
Testing & Flowback Services		0180-0158	\$12,000	0180-0258	\$24,000
Completion / Workover Rig				0180-0260	\$10,500
Rig Mobilization		0180-0164	\$150,000		
Transportation		0180-0165	\$30,000	0180-0265	\$45,000
Welding, Construction & Maint. Services		0180-0168	\$4,000	0180-0268	\$15,000
Contract Services & Supervision		0180-0170	\$140,000	0180-0270	\$84,000
Directional Services	Includes Vertical Control	0180-0175	\$287,000		
Equipment Rental		0180-0180	\$144,200	0180-0280	\$20,000
Well / Lease Legal		0180-0184	\$5,000	0180-0284	
Well / Lease Insurance		0180-0185	\$4,700	0180-0285	
Intangible Supplies		0180-0188	\$7,000	0180-0288	\$1,000
Damages		0180-0190	\$7,500	0180-0290	\$10,000
Pipeline Interconnect, ROW Easements		0180-0192		0180-0292	\$5,000
Company Supervision		0180-0195	\$81,600	0180-0295	\$28,800
Overhead Fixed Rate		0180-0196	\$10,000	0180-0296	\$20,000
Contingencies	5% (TCP) 5% (CC)	0180-0199	\$119,305	0180-0299	\$195,253
TOTAL			\$2,505,405		\$4,100,303

TANGIBLE COSTS 0181		CODE	TCP	CODE	CC
Casing (19.1" - 30")		0181-0793			
Casing (10.1" - 19.0")	315' - 13 3/8" 54.5# J-55 ST&C @ \$76.30/ft	0181-0794	\$25,700		
Casing (8.1" - 10.0")	1500' - 9 5/8" 40# HCL80 LT&C @ \$51.16/ft	0181-0795	\$82,000		
Casing (6.1" - 8.0")	7150' - 7" 29# HPP110 BT&C @ \$59.83/ft	0181-0796	\$456,900		
Casing (4.1" - 6.0")	8050' - 4 1/2" 13.5# P-110 CDC-HTQ @ \$33.47/ft			0181-0797	\$287,800
Tubing	7050' - 2 7/8" 6.5# L-80 IPC Tbg @ \$13.6/ft			0181-0798	\$102,400
Drilling Head		0181-0860	\$35,000		
Tubing Head & Upper Section				0181-0870	\$30,000
Horizontal Completion Tools	Completion Liner Hanger			0181-0871	\$70,000
Subsurface Equip. & Artificial Lift	ESP			0181-0880	\$25,000
Pumping Unit Systems				0181-0885	
Service Pumps	(1/2) TP/CP/Circ pump			0181-0886	\$15,000
Storage Tanks	(1/2) 6 OT/5 WT/GB			0181-0890	\$190,000
Emissions Control Equipment	(1/2) VRT's/VRU/Flare/KO's			0181-0892	\$117,500
Separation / Treating Equipment	(1/2) H sep/V sep/HT			0181-0895	\$85,000
Automation Metering Equipment				0181-0898	\$80,000
Line Pipe & Valves - Gathering	(1/2) 1.5 mile gas & water			0181-0900	\$65,000
Fittings / Valves & Accessories				0181-0906	\$200,000
Cathodic Protection				0181-0908	\$7,500
Electrical Installation				0181-0909	\$205,000
Equipment Installation				0181-0910	\$120,000
Pipeline Construction	(1/2) 1.5 mile gas & water			0181-0920	\$40,000
TOTAL			\$599,600		\$1,640,200
SUBTOTAL			\$3,105,005		\$5,740,503

TOTAL WELL COST \$8,845,508

Extra Expense Insurance

I elect to be covered by Operator's Extra Expense Insurance and pay my proportionate share of the premium.
 Operator has secured Extra Expense Insurance covering costs of well control, clean up and redrilling as estimated in Line Item 0180-0185.

I elect to purchase my own well control insurance policy.

If neither box is checked above, non-operating working interest owner elects to be covered by Operator's well control insurance.

Prepared by: Midland Date: 11/8/2022
 Company Approval: _____ Date: _____
 Joint Owner Interest: _____ Amount: _____
 Joint Owner Name: _____ Signature: _____

ATTACHMENT **D**

MEWBOURNE OIL COMPANY
AUTHORIZATION FOR EXPENDITURE

Well Name: **WOODFORD 27/26 B3MN STATE COM #1H** Prospect: **2BSS (1.5 Mile Lateral)**
 Location: **SL: 1270 FSL & 100 FWL (27); BHL: 450 FSL & 2540 FWL (26)** County: **Eddy** ST: **NM**
 Sec: **27/26** Blk: Survey: TWP: **18S** RNG: **28E** Prop. TVD: **8444** TMD: **15602**

INTANGIBLE COSTS 0180		CODE	TCP	CODE	CC
Regulatory Permits & Surveys		0180-0100	\$20,000	0180-0200	
Location / Road / Site / Preparation		0180-0105	\$50,000	0180-0205	\$35,000
Location / Restoration		0180-0106	\$100,000	0180-0206	\$50,000
Daywork / Turnkey / Footage Drilling	20 days drlg / 3 days comp @ \$29000/d	0180-0110	\$619,400	0180-0210	\$92,900
Fuel	1700 gal/day @ \$4.7/gal	0180-0114	\$170,700	0180-0214	\$232,650
Alternate Fuels		0180-0115		0180-0215	
Mud, Chemical & Additives		0180-0120	\$50,000	0180-0220	
Mud - Specialized		0180-0121	\$180,000	0180-0221	
Horizontal Drillout Services				0180-0222	\$150,000
Stimulation Toe Preparation				0180-0223	\$40,000
Cementing		0180-0125	\$125,000	0180-0225	\$35,000
Logging & Wireline Services		0180-0130	\$33,500	0180-0230	\$280,500
Casing / Tubing / Snubbing Services		0180-0134	\$30,000	0180-0234	\$12,000
Mud Logging		0180-0137	\$15,000		
Stimulation	37 Stg 15.1 MM gal / 18.9 MM lb			0180-0241	\$2,141,200
Stimulation Rentals & Other				0180-0242	\$227,000
Water & Other		0180-0145	\$40,000	0180-0245	\$325,500
Bits		0180-0148	\$94,000	0180-0248	\$5,000
Inspection & Repair Services		0180-0150	\$50,000	0180-0250	\$5,000
Misc. Air & Pumping Services		0180-0154		0180-0254	\$10,000
Testing & Flowback Services		0180-0158	\$12,000	0180-0258	\$24,000
Completion / Workover Rig				0180-0260	\$10,500
Rig Mobilization		0180-0164	\$150,000		
Transportation		0180-0165	\$30,000	0180-0265	\$45,000
Welding, Construction & Maint. Services		0180-0168	\$4,000	0180-0268	\$15,000
Contract Services & Supervision		0180-0170	\$146,800	0180-0270	\$84,000
Directional Services	Includes Vertical Control	0180-0175	\$302,500		
Equipment Rental		0180-0180	\$159,700	0180-0280	\$20,000
Well / Lease Legal		0180-0184	\$5,000	0180-0284	
Well / Lease Insurance		0180-0185	\$4,700	0180-0285	
Intangible Supplies		0180-0188	\$7,000	0180-0288	\$1,000
Damages		0180-0190	\$7,500	0180-0290	\$10,000
Pipeline Interconnect, ROW Easements		0180-0192		0180-0292	\$5,000
Company Supervision		0180-0195	\$86,700	0180-0295	\$28,800
Overhead Fixed Rate		0180-0196	\$10,000	0180-0296	\$20,000
Contingencies	5% (TCP) 5% (CC)	0180-0199	\$125,175	0180-0299	\$195,253
TOTAL			\$2,628,675		\$4,100,303

TANGIBLE COSTS 0181		CODE	TCP	CODE	CC
Casing (19.1" - 30")		0181-0793			
Casing (10.1" - 19.0")	315' - 13 3/8" 54.5# J-55 ST&C @ \$76.30/ft	0181-0794	\$25,700		
Casing (8.1" - 10.0")	1500' - 9 5/8" 40# HCL80 LT&C @ \$51.16/ft	0181-0795	\$82,000		
Casing (6.1" - 8.0")	8050' - 7" 29# HPP110 BT&C @ \$59.83/ft	0181-0796	\$514,400		
Casing (4.1" - 6.0")	8050' - 4 1/2" 13.5# P-110 CDC-HTQ @ \$33.47/ft			0181-0797	\$287,800
Tubing	7950' - 2 7/8" 6.5# L-80 IPC Tbg @ \$13.6/ft			0181-0798	\$115,500
Drilling Head		0181-0860	\$35,000		
Tubing Head & Upper Section				0181-0870	\$30,000
Horizontal Completion Tools	Completion Liner Hanger			0181-0871	\$70,000
Subsurface Equip. & Artificial Lift	ESP			0181-0880	\$25,000
Pumping Unit Systems				0181-0885	
Service Pumps	(1/2) TP/CP/Circ pump			0181-0886	\$15,000
Storage Tanks	(1/2) 6 OT/5 WT/GB			0181-0890	\$190,000
Emissions Control Equipment	(1/2) VRT's/VRU/Fiare/KO's			0181-0892	\$117,500
Separation / Treating Equipment	(1/2) H sep/V sep/HT			0181-0895	\$85,000
Automation Metering Equipment				0181-0898	\$80,000
Line Pipe & Valves - Gathering	(1/2) 1.5 mile gas & water			0181-0900	\$65,000
Fittings / Valves & Accessories				0181-0906	\$200,000
Cathodic Protection				0181-0908	\$7,500
Electrical Installation				0181-0909	\$205,000
Equipment Installation				0181-0910	\$120,000
Pipeline Construction	(1/2) 1.5 mile gas & water			0181-0920	\$40,000
TOTAL			\$657,100		\$1,653,300
SUBTOTAL			\$3,285,775		\$5,753,603

TOTAL WELL COST \$9,039,378

Extra Expense Insurance

I elect to be covered by Operator's Extra Expense Insurance and pay my proportionate share of the premium.
Operator has secured Extra Expense Insurance covering costs of well control, clean up and redrilling as estimated in Line Item 0180-0185.

I elect to purchase my own well control insurance policy.

If neither box is checked above, non-operating working interest owner elects to be covered by Operator's well control insurance.

Prepared by: Midland Date: 11/8/2022

Company Approval: _____ Date: _____

Joint Owner Interest: _____ Amount: _____

Joint Owner Name: _____ Signature: _____

(d) Attachment D is a cross section showing the Third Bone Spring Sand, the target zone for the proposed B3MN well. The well logs on the cross-section give a representative sample of the Middle Third Bone Spring Sand in this area. The sand is continuous and uniformly thick across the well unit.

4. I conclude from the maps that:

(a) The horizontal spacing unit, in both the Second and Third Bone Spring, is justified from a geologic standpoint.

(b) The target zones in the two wells are continuous and of relatively uniform thickness across the well unit.

(c) Each quarter-quarter section in the well unit will contribute more or less equally to production.

(d) There is no faulting or other geologic impediment in the area which will affect the drilling of the subject wells.

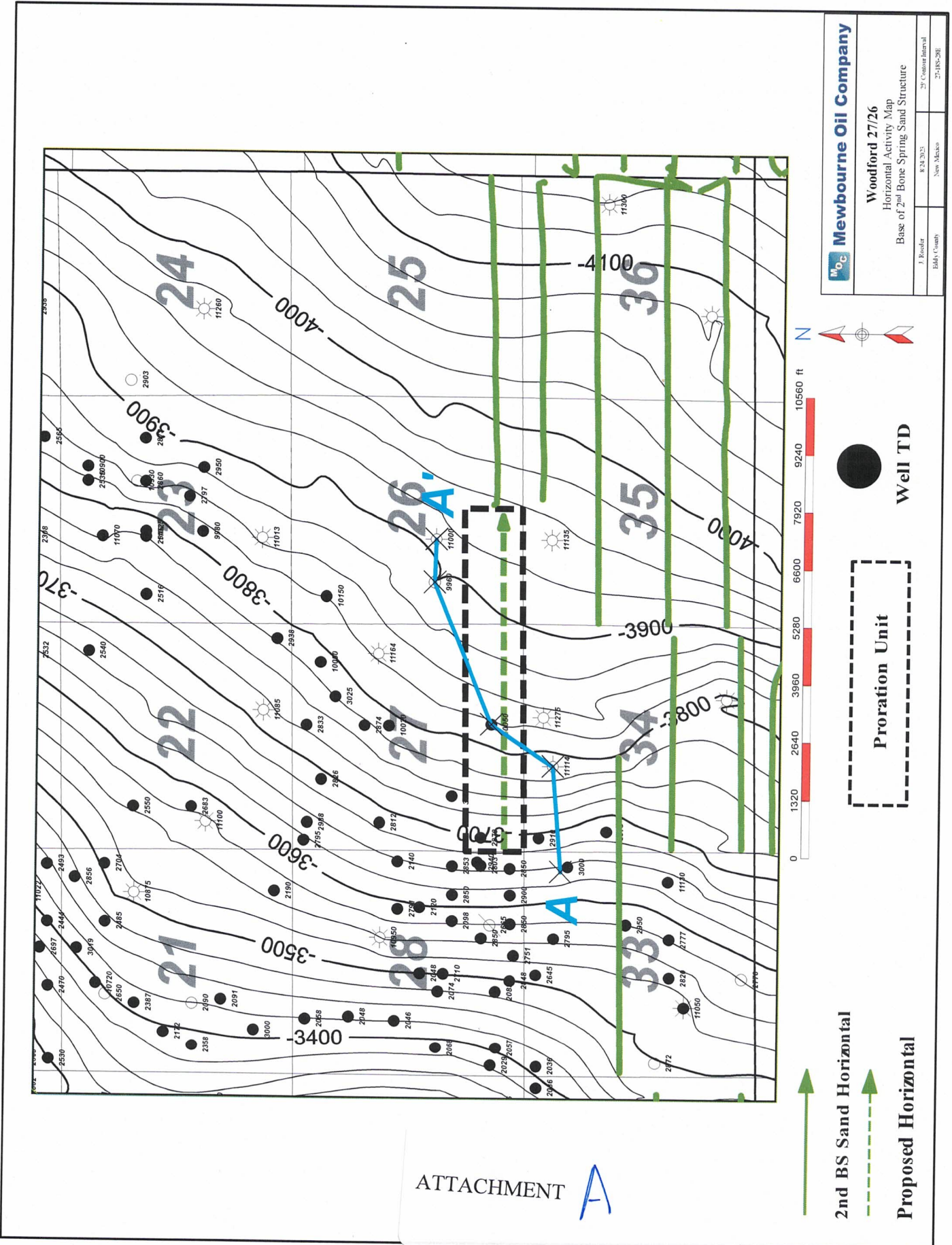
5. Referring to Attachments A and C, there are nearby Second and Third Bone Spring Sand wells drilled in this area. They are all laydown wells. A review of the geology and production from the existing wells indicates that laydown wells are a reasonable way to develop the Second and Third Bone Spring Sand reservoirs in this area.

6. Attachment E-1 and E-2 are Survey Calculation Reports for the proposed wells. The producing intervals of the wells will be orthodox.

I understand that this Self-Affirmed Statement will be used as written testimony in these cases. I affirm that my testimony in paragraphs 1 through 6 above is true and correct and is made under penalty of perjury under the laws of the State of New Mexico. My testimony is made as of the date handwritten next to my signature below.

Date: 9/5/2023


Justin Roeder

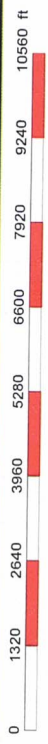


ATTACHMENT A

Mewbourne Oil Company

Woodford 27/26
Horizontal Activity Map
Base of 2nd Bone Spring Sand Structure

J. Roeder	8/24/2023	25' Contour Interval
Eddy County	New Mexico	24-BSC-20E



Well TD

Proration Unit

2nd BS Sand Horizontal

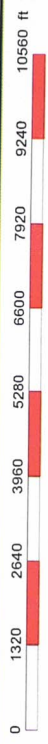
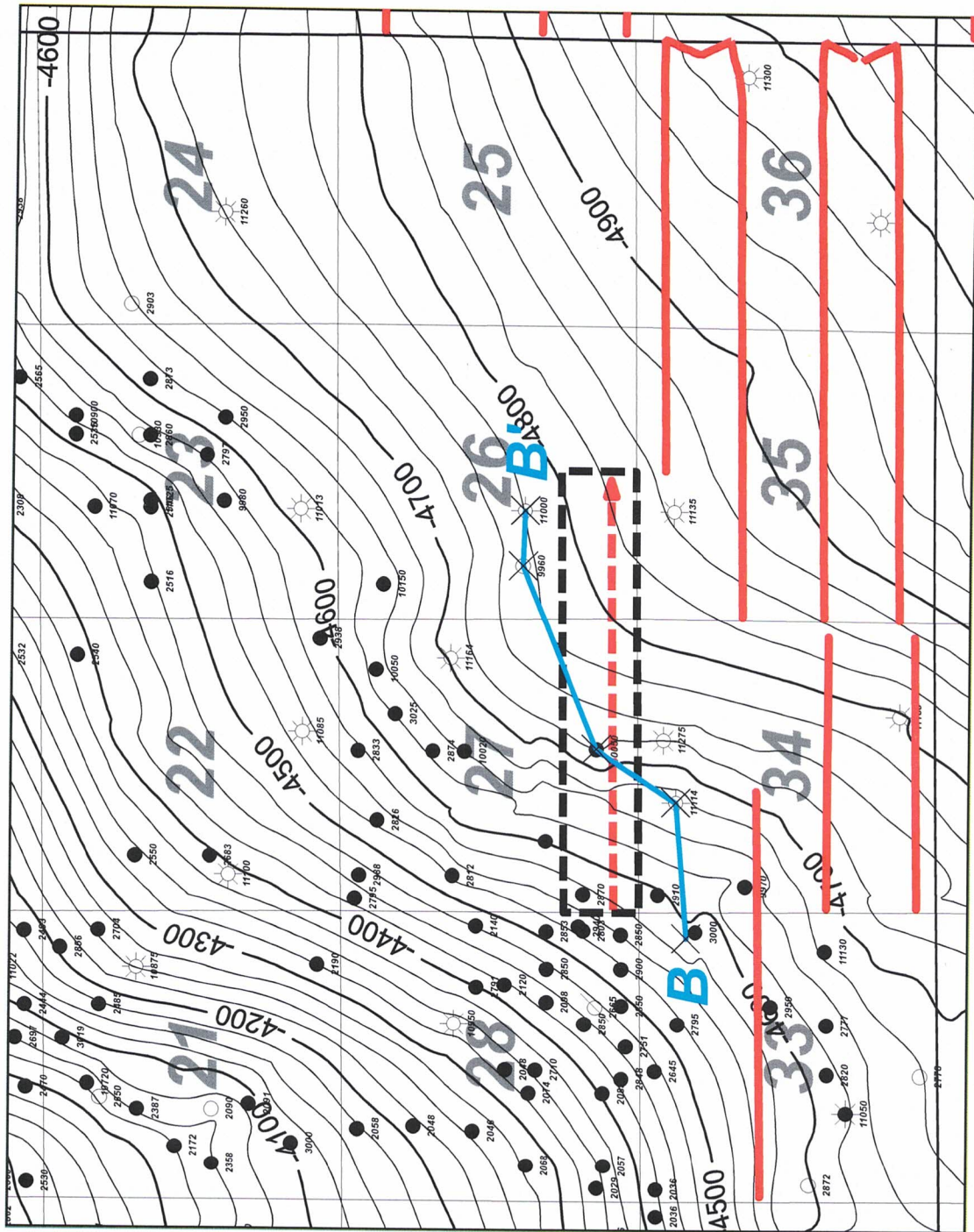
Proposed Horizontal

MOC Mewbourne Oil Company

Woodford 27/26
Horizontal Activity Map
Top of Middle 3rd Bone Spring Sand Structure

J. Roeder E. 24.2023 25' Contour Interval 27488248

Eddy County New Mexico



Well TD

Proration Unit

3rd BS Sand Horizontal

Proposed Horizontal

ATTACHMENT C

Mewbourne Oil Company

SURVEY CALCULATION REPORT
Minimum Curvature Calculations

Operator: Mewbourne Oil Company
Lease Name: Woodford 27/26 State Com 528H
KOP 6665.04
SHL: 1460 FSL & 265 FWL, Sec 27, 18S-28E
PBHL: 450 FSL & 2503 FWL, Sec 26, 18S-28E

Target KBTVD: 7,238 Feet 7238.00
Target Angle: 87.81 Degrees 87.81
Section Plane: 96.95 Degrees
Declination Corrected to True North: Degrees
Bit to Survey Offset: 44 Feet

Survey No.	Measured Depth-ft	Drift (Deg.)	Azimuth (Deg.)	Course Length	TVD (Feet)	Vertical Section	+N/-S (Feet)	+E/-W (Feet)	Closure Distance	Closure Direction	BUR	DLS	KBTVD	+Above		
														-Below Target	DRIFT (RADIANS)	AZIMUTH (RADIAN)
T/1	6665.04	0.00	96.95	N/A	6665.0	0.0	0.0	0.0	0.0	0.0	N/A	N/A	6665.0	573.0	1E-12	1.69
1	6752.86	8.78	96.95	87.813	6752.5	6.7	-0.8	6.7	6.7	97.0	10.0	10.0	6752.3	485.7	0.1532632	1.69
2	6840.67	17.56	96.95	87.813	6837.9	26.7	-3.2	26.5	26.7	97.0	10.0	10.0	6836.9	401.1	0.3065265	1.69
3	6928.48	26.34	96.95	87.813	6919.3	59.5	-7.2	59.1	59.5	97.0	10.0	10.0	6917.0	321.0	0.4597897	1.69
4	7016.30	35.13	96.95	87.813	6994.7	104.3	-12.6	103.6	104.3	97.0	10.0	10.0	6990.7	247.3	0.613053	1.69
5	7104.11	43.91	96.95	87.813	7062.4	160.2	-19.4	159.0	160.2	97.0	10.0	10.0	7056.3	181.7	0.7663162	1.69
6	7191.92	52.69	96.95	87.813	7120.7	225.7	-27.3	224.0	225.7	97.0	10.0	10.0	7112.1	125.9	0.9195794	1.69
7	7279.74	61.47	96.95	87.813	7168.4	299.3	-36.2	297.1	299.3	97.0	10.0	10.0	7157.0	81.0	1.0728427	1.69
8	7367.55	70.25	96.95	87.813	7204.3	379.4	-45.9	376.6	379.4	97.0	10.0	10.0	7189.8	48.2	1.2261059	1.69
9	7455.36	79.03	96.95	87.813	7227.5	463.9	-56.1	460.5	463.9	97.0	10.0	10.0	7209.8	28.2	1.3793692	1.69
10	7543.18	87.81	96.95	87.813	7237.6	551.1	-66.7	547.0	551.1	97.0	10.0	10.0	7216.5	21.5	1.5326324	1.69
11	7600.00	87.81	96.95	56.824	7239.8	607.9	-73.6	603.4	607.9	97.0	0.0	0.0	7216.5	21.5	1.5326324	1.69
12	7700.00	87.81	96.95	100	7243.6	707.8	-85.7	702.6	707.8	97.0	0.0	0.0	7216.5	21.5	1.5326324	1.69
13	7800.00	87.81	96.95	100	7247.4	807.7	-97.7	801.8	807.7	97.0	0.0	0.0	7216.5	21.5	1.5326324	1.69
14	7900.00	87.81	96.95	100	7251.2	907.7	-109.8	901.0	907.7	97.0	0.0	0.0	7216.5	21.5	1.5326324	1.69
15	8000.00	87.81	96.95	100	7255.0	1007.6	-121.9	1000.2	1007.6	97.0	0.0	0.0	7216.5	21.5	1.5326324	1.69
16	8100.00	87.81	96.95	100	7258.8	1107.5	-134.0	1099.4	1107.5	97.0	0.0	0.0	7216.5	21.5	1.5326324	1.69
17	8200.00	87.81	96.95	100	7262.6	1207.4	-146.1	1198.6	1207.4	97.0	0.0	0.0	7216.5	21.5	1.5326324	1.69
18	8300.00	87.81	96.95	100	7266.5	1307.4	-158.2	1297.8	1307.4	97.0	0.0	0.0	7216.5	21.5	1.5326324	1.69
19	8400.00	87.81	96.95	100	7270.3	1407.3	-170.3	1397.0	1407.3	97.0	0.0	0.0	7216.5	21.5	1.5326324	1.69
20	8500.00	87.81	96.95	100	7274.1	1507.2	-182.4	1496.1	1507.2	97.0	0.0	0.0	7216.5	21.5	1.5326324	1.69
21	8600.00	87.81	96.95	100	7277.9	1607.2	-194.5	1595.3	1607.2	97.0	0.0	0.0	7216.5	21.5	1.5326324	1.69
22	8700.00	87.81	96.95	100	7281.7	1707.1	-206.6	1694.5	1707.1	97.0	0.0	0.0	7216.5	21.5	1.5326324	1.69
23	8800.00	87.81	96.95	100	7285.5	1807.0	-218.7	1793.7	1807.0	97.0	0.0	0.0	7216.5	21.5	1.5326324	1.69
24	8900.00	87.81	96.95	100	7289.4	1906.9	-230.8	1892.9	1906.9	97.0	0.0	0.0	7216.5	21.5	1.5326324	1.69
25	9000.00	87.81	96.95	100	7293.2	2006.9	-242.9	1992.1	2006.9	97.0	0.0	0.0	7216.5	21.5	1.5326324	1.69
26	9100.00	87.81	96.95	100	7297.0	2106.8	-255.0	2091.3	2106.8	97.0	0.0	0.0	7216.5	21.5	1.5326324	1.69
27	9200.00	87.81	96.95	100	7300.8	2206.7	-267.0	2190.5	2206.7	97.0	0.0	0.0	7216.5	21.5	1.5326324	1.69
28	9300.00	87.81	96.95	100	7304.6	2306.6	-279.1	2289.7	2306.6	97.0	0.0	0.0	7216.5	21.5	1.5326324	1.69
29	9400.00	87.81	96.95	100	7308.4	2406.6	-291.2	2388.9	2406.6	97.0	0.0	0.0	7216.5	21.5	1.5326324	1.69
30	9500.00	87.81	96.95	100	7312.2	2506.5	-303.3	2488.1	2506.5	97.0	0.0	0.0	7216.5	21.5	1.5326324	1.69
31	9600.00	87.81	96.95	100	7316.1	2606.4	-315.4	2587.3	2606.4	97.0	0.0	0.0	7216.5	21.5	1.5326324	1.69
32	9700.00	87.81	96.95	100	7319.9	2706.4	-327.5	2686.5	2706.4	97.0	0.0	0.0	7216.5	21.5	1.5326324	1.69
33	9800.00	87.81	96.95	100	7323.7	2806.3	-339.6	2785.7	2806.3	97.0	0.0	0.0	7216.5	21.5	1.5326324	1.69
34	9900.00	87.81	96.95	100	7327.5	2906.2	-351.7	2884.8	2906.2	97.0	0.0	0.0	7216.5	21.5	1.5326324	1.69
35	10000.00	87.81	96.95	100	7331.3	3006.1	-363.8	2984.0	3006.1	97.0	0.0	0.0	7216.5	21.5	1.5326324	1.69
36	10100.00	87.81	96.95	100	7335.1	3106.1	-375.9	3083.2	3106.1	97.0	0.0	0.0	7216.5	21.5	1.5326324	1.69
37	10200.00	87.81	96.95	100	7339.0	3206.0	-388.0	3182.4	3206.0	97.0	0.0	0.0	7216.5	21.5	1.5326324	1.69
38	10300.00	87.81	96.95	100	7342.8	3305.9	-400.1	3281.6	3305.9	97.0	0.0	0.0	7216.5	21.5	1.5326324	1.69
39	10400.00	87.81	96.95	100	7346.6	3405.8	-412.2	3380.8	3405.8	97.0	0.0	0.0	7216.5	21.5	1.5326324	1.69
40	10500.00	87.81	96.95	100	7350.4	3505.8	-424.2	3480.0	3505.8	97.0	0.0	0.0	7216.5	21.5	1.5326324	1.69
41	10600.00	87.81	96.95	100	7354.2	3605.7	-436.3	3579.2	3605.7	97.0	0.0	0.0	7216.5	21.5	1.5326324	1.69
42	10700.00	87.81	96.95	100	7358.0	3705.6	-448.4	3678.4	3705.6	97.0	0.0	0.0	7216.5	21.5	1.5326324	1.69
43	10800.00	87.81	96.95	100	7361.8	3805.5	-460.5	3777.6	3805.5	97.0	0.0	0.0	7216.5	21.5	1.5326324	1.69
44	10900.00	87.81	96.95	100	7365.7	3905.5	-472.6	3876.8	3905.5	97.0	0.0	0.0	7216.5	21.5	1.5326324	1.69
45	11000.00	87.81	96.95	100	7369.5	4005.4	-484.7	3976.0	4005.4	97.0	0.0	0.0	7216.5	21.5	1.5326324	1.69
46	11100.00	87.81	96.95	100	7373.3	4105.3	-496.8	4075.2	4105.3	97.0	0.0	0.0	7216.5	21.5	1.5326324	1.69
47	11200.00	87.81	96.95	100	7377.1	4205.3	-508.9	4174.4	4205.3	97.0	0.0	0.0	7216.5	21.5	1.5326324	1.69
48	11300.00	87.81	96.95	100	7380.9	4305.2	-521.0	4273.5	4305.2	97.0	0.0	0.0	7216.5	21.5	1.5326324	1.69
49	11400.00	87.81	96.95	100	7384.7	4405.1	-533.1	4372.7	4405.1	97.0	0.0	0.0	7216.5	21.5	1.5326324	1.69
50	11500.00	87.81	96.95	100	7388.6	4505.0	-545.2	4471.9	4505.0	97.0	0.0	0.0	7216.5	21.5	1.5326324	1.69
51	11600.00	87.81	96.95	100	7392.4	4605.0	-557.3	4571.1	4605.0	97.0	0.0	0.0	7216.5	21.5	1.5326324	1.69
52	11700.00	87.81	96.95	100	7396.2	4704.9	-569.4	4670.3	4704.9	97.0	0.0	0.0	7216.5	21.5	1.5326324	1.69
53	11800.00	87.81	96.95	100	7400.0	4804.8	-581.5	4769.5	4804.8	97.0	0.0	0.0	7216.5	21.5	1.5326324	1.69
54	11900.00	87.81	96.95	100	7403.8	4904.7	-593.5	4868.7	4904.7	97.0	0.0	0.0	7216.5	21.5	1.5326324	1.69
55	12000.00	87.81	96.95	100	7407.6	5004.7	-605.6	4967.9	5004.7	97.0	0.0	0.0	7216.5	21.5	1.5326324	1.69
56	12100.00	87.81	96.95	100	7411.4	5104.6	-617.7	5067.1	5104.6	97.0	0.0	0.0	7216.5	21.5	1.5326324	1.69

ATTACHMENT *E.1*

57	12200.00	87.81	96.95	100	7415.3	5204.5	-629.8	5166.3	5204.5	97.0	0.0	0.0	7216.5	21.5	1.5326324	1.69
58	12300.00	87.81	96.95	100	7419.1	5304.5	-641.9	5265.5	5304.5	97.0	0.0	0.0	7216.5	21.5	1.5326324	1.69
59	12400.00	87.81	96.95	100	7422.9	5404.4	-654.0	5364.7	5404.4	97.0	0.0	0.0	7216.5	21.5	1.5326324	1.69
60	12500.00	87.81	96.95	100	7426.7	5504.3	-666.1	5463.9	5504.3	97.0	0.0	0.0	7216.5	21.5	1.5326324	1.69
61	12600.00	87.81	96.95	100	7430.5	5604.2	-678.2	5563.1	5604.2	97.0	0.0	0.0	7216.5	21.5	1.5326324	1.69
62	12700.00	87.81	96.95	100	7434.3	5704.2	-690.3	5662.2	5704.2	97.0	0.0	0.0	7216.5	21.5	1.5326324	1.69
63	12800.00	87.81	96.95	100	7438.2	5804.1	-702.4	5761.4	5804.1	97.0	0.0	0.0	7216.5	21.5	1.5326324	1.69
64	12900.00	87.81	96.95	100	7442.0	5904.0	-714.5	5860.6	5904.0	97.0	0.0	0.0	7216.5	21.5	1.5326324	1.69
65	13000.00	87.81	96.95	100	7445.8	6003.9	-726.6	5959.8	6003.9	97.0	0.0	0.0	7216.5	21.5	1.5326324	1.69
66	13100.00	87.81	96.95	100	7449.6	6103.9	-738.7	6059.0	6103.9	97.0	0.0	0.0	7216.5	21.5	1.5326324	1.69
67	13200.00	87.81	96.95	100	7453.4	6203.8	-750.7	6158.2	6203.8	97.0	0.0	0.0	7216.5	21.5	1.5326324	1.69
68	13300.00	87.81	96.95	100	7457.2	6303.7	-762.8	6257.4	6303.7	97.0	0.0	0.0	7216.5	21.5	1.5326324	1.69
69	13400.00	87.81	96.95	100	7461.0	6403.7	-774.9	6356.6	6403.7	97.0	0.0	0.0	7216.5	21.5	1.5326324	1.69
70	13500.00	87.81	96.95	100	7464.9	6503.6	-787.0	6455.8	6503.6	97.0	0.0	0.0	7216.5	21.5	1.5326324	1.69
71	13600.00	87.81	96.95	100	7468.7	6603.5	-799.1	6555.0	6603.5	97.0	0.0	0.0	7216.5	21.5	1.5326324	1.69
72	13700.00	87.81	96.95	100	7472.5	6703.4	-811.2	6654.2	6703.4	97.0	0.0	0.0	7216.5	21.5	1.5326324	1.69
73	13800.00	87.81	96.95	100	7476.3	6803.4	-823.3	6753.4	6803.4	97.0	0.0	0.0	7216.5	21.5	1.5326324	1.69
74	13900.00	87.81	96.95	100	7480.1	6903.3	-835.4	6852.6	6903.3	97.0	0.0	0.0	7216.5	21.5	1.5326324	1.69
75	14000.00	87.81	96.95	100	7483.9	7003.2	-847.5	6951.8	7003.2	97.0	0.0	0.0	7216.5	21.5	1.5326324	1.69
76	14100.00	87.81	96.95	100	7487.8	7103.1	-859.6	7050.9	7103.1	97.0	0.0	0.0	7216.5	21.5	1.5326324	1.69
77	14200.00	87.81	96.95	100	7491.6	7203.1	-871.7	7150.1	7203.1	97.0	0.0	0.0	7216.5	21.5	1.5326324	1.69
78	14300.00	87.81	96.95	100	7495.4	7303.0	-883.8	7249.3	7303.0	97.0	0.0	0.0	7216.5	21.5	1.5326324	1.69
79	14400.00	87.81	96.95	100	7499.2	7402.9	-895.9	7348.5	7402.9	97.0	0.0	0.0	7216.5	21.5	1.5326324	1.69
80	14500.00	87.81	96.95	100	7503.0	7502.9	-908.0	7447.7	7502.9	97.0	0.0	0.0	7216.5	21.5	1.5326324	1.69
81	14505.40	87.81	96.95	5.3964	7503.2	7508.2	-908.6	7453.1	7508.2	97.0	0.0	0.0	7216.5	21.5	1.5326324	1.69

Mewbourne Oil Company

SURVEY CALCULATION REPORT
Minimum Curvature Calculations

Operator: Mewbourne Oil Company
Lease Name: Woodford 27/26 State Com 618H
KOP 7629.04
SHL: 1480 FSL & 265 FWL, Sec 27, 18S-28E
PBHL: 450 FSL & 2503 FWL, Sec 26, 18S-28E

Target KBTVD: 8,202 Feet 8202.00
Target Angle: 88.10 Degrees 88.10
Section Plane: 97.10 Degrees
Declination Corrected to True North:
Bit to Survey Offset: 44 Feet

Table with columns: Survey No., Measured Depth-ft, Drift (Deg.), Azimuth (Deg.), Course Length, TVD (Feet), Vertical Section, +N-/S (Feet), +E-/W (Feet), Closure Distance, Closure Direction, BUR, DLS, KBTVD, +Above -Below Target, DRIFT (RADIANS), AZIMUT (RADIAN)

ATTACHMENT E-2

57	13200.00	88.10	97.10	100	8357.0	5241.3	-648.0	5201.1	5241.3	97.1	0.0	0.0	8183.3	18.7	1.5376806	1.69
58	13300.00	88.10	97.10	100	8360.3	5341.3	-660.4	5300.3	5341.3	97.1	0.0	0.0	8183.3	18.7	1.5376806	1.69
59	13400.00	88.10	97.10	100	8363.6	5441.2	-672.7	5399.5	5441.2	97.1	0.0	0.0	8183.3	18.7	1.5376806	1.69
60	13500.00	88.10	97.10	100	8366.9	5541.2	-685.1	5498.7	5541.2	97.1	0.0	0.0	8183.3	18.7	1.5376806	1.69
61	13600.00	88.10	97.10	100	8370.2	5641.1	-697.5	5597.8	5641.1	97.1	0.0	0.0	8183.3	18.7	1.5376806	1.69
62	13700.00	88.10	97.10	100	8373.5	5741.1	-709.8	5697.0	5741.1	97.1	0.0	0.0	8183.3	18.7	1.5376806	1.69
63	13800.00	88.10	97.10	100	8376.8	5841.0	-722.2	5796.2	5841.0	97.1	0.0	0.0	8183.3	18.7	1.5376806	1.69
64	13900.00	88.10	97.10	100	8380.1	5941.0	-734.5	5895.4	5941.0	97.1	0.0	0.0	8183.3	18.7	1.5376806	1.69
65	14000.00	88.10	97.10	100	8383.5	6040.9	-746.9	5994.6	6040.9	97.1	0.0	0.0	8183.3	18.7	1.5376806	1.69
66	14100.00	88.10	97.10	100	8386.8	6140.9	-759.2	6093.7	6140.9	97.1	0.0	0.0	8183.3	18.7	1.5376806	1.69
67	14200.00	88.10	97.10	100	8390.1	6240.8	-771.6	6192.9	6240.8	97.1	0.0	0.0	8183.3	18.7	1.5376806	1.69
68	14300.00	88.10	97.10	100	8393.4	6340.7	-784.0	6292.1	6340.7	97.1	0.0	0.0	8183.3	18.7	1.5376806	1.69
69	14400.00	88.10	97.10	100	8396.7	6440.7	-796.3	6391.3	6440.7	97.1	0.0	0.0	8183.3	18.7	1.5376806	1.69
70	14500.00	88.10	97.10	100	8400.0	6540.6	-808.7	6490.5	6540.6	97.1	0.0	0.0	8183.3	18.7	1.5376806	1.69
71	14600.00	88.10	97.10	100	8403.3	6640.6	-821.0	6589.6	6640.6	97.1	0.0	0.0	8183.3	18.7	1.5376806	1.69
72	14700.00	88.10	97.10	100	8406.6	6740.5	-833.4	6688.8	6740.5	97.1	0.0	0.0	8183.3	18.7	1.5376806	1.69
73	14800.00	88.10	97.10	100	8409.9	6840.5	-845.7	6788.0	6840.5	97.1	0.0	0.0	8183.3	18.7	1.5376806	1.69
74	14900.00	88.10	97.10	100	8413.3	6940.4	-858.1	6887.2	6940.4	97.1	0.0	0.0	8183.3	18.7	1.5376806	1.69
75	15000.00	88.10	97.10	100	8416.6	7040.4	-870.5	6986.3	7040.4	97.1	0.0	0.0	8183.3	18.7	1.5376806	1.69
76	15100.00	88.10	97.10	100	8419.9	7140.3	-882.8	7085.5	7140.3	97.1	0.0	0.0	8183.3	18.7	1.5376806	1.69
77	15200.00	88.10	97.10	100	8423.2	7240.3	-895.2	7184.7	7240.3	97.1	0.0	0.0	8183.3	18.7	1.5376806	1.69
78	15300.00	88.10	97.10	100	8426.5	7340.2	-907.5	7283.9	7340.2	97.1	0.0	0.0	8183.3	18.7	1.5376806	1.69
79	15400.00	88.10	97.10	100	8429.8	7440.1	-919.9	7383.1	7440.1	97.1	0.0	0.0	8183.3	18.7	1.5376806	1.69
80	15471.85	88.10	97.10	71.846	8432.2	7511.9	-928.8	7454.3	7511.9	97.1	0.0	0.0	8183.3	18.7	1.5376806	1.69

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION

APPLICATION OF MEWBOURNE OIL COMPANY
FOR COMPULSORY POOLING, EDDY COUNTY,
NEW MEXICO.

Case No. 23764

SELF-AFFIRMED STATEMENT OF NOTICE

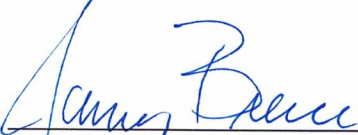
COUNTY OF SANTA FE)
) ss.
STATE OF NEW MEXICO)

James Bruce deposes and states:

1. I am over the age of 18, and have personal knowledge of the matters stated herein.
2. I am an attorney for Mewbourne Oil Company.
3. Mewbourne Oil Company has conducted a good faith, diligent effort to find the names and correct addresses of the interest owners entitled to receive notice of the application filed herein.
4. Notice of the application was provided to the interest owners, at their last known addresses, by certified mail. Copies of the notice letter and certified return receipts are attached hereto as Attachment A.
5. Applicant has complied with the notice provisions of Division Rules.

I understand that this Self-Affirmed Statement will be used as written testimony in this case. I affirm that my testimony in paragraphs 1 through 5 above is true and correct and is made under penalty of perjury under the laws of the State of New Mexico. My testimony is made as of the date handwritten next to my signature below.

Date: 9/5/23



James Bruce

EXHIBIT 4

JAMES BRUCE
ATTORNEY AT LAW

POST OFFICE BOX 1056
SANTA FE, NEW MEXICO 87504

369 MONTEZUMA, NO. 213
SANTA FE, NEW MEXICO 87501

(505) 982-2043 (Phone)
(505) 660-6612 (Cell)
(505) 982-2151 (Fax)

jamesbruc@aol.com

August 17, 2023

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

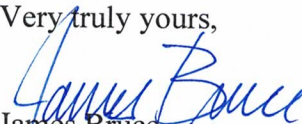
To: Persons on Exhibit A

Ladies and gentlemen:

Enclosed is a copy of an application for compulsory pooling, filed with the New Mexico Oil Conservation Division by Mewbourne Oil Company (Case No. 23764), seeking an order pooling all uncommitted mineral interest owners in the Bone Spring formation underlying a horizontal spacing unit comprised of the S/2S/2 of Section 27 and the S/2SW/4 of Section 26, Township 18 South, Range 28 East, NMPM. The unit will be dedicated to (a) the Woodford 27/26 B2MN State Com. Well No. 1H, and (b) the Woodford 27/26 B3MN State Com. Well No. 1H.

This matter is scheduled for hearing at 8:15 a.m. on Thursday, September 7, 2023. During the current circumstances, state buildings are closed to the public and the hearing will be conducted remotely. To view the hearing docket and to determine how to participate in an electronic hearing, go to <https://www.emnrd.nm.gov/ocd/hearing-info/>, or contact Marlene Salvidrez at Marlene.Salvidrez@emnrd.nm.gov. You are not required to attend this hearing, but as an owner of an interest who may be affected by the application, you may appear and present testimony. Failure to appear at that time and become a party of record will preclude you from contesting this matter at a later date. A party appearing in a Division case is required by Division Rules to file a Pre-Hearing Statement no later than five business days before the hearing date. This statement may be filed online with the Division at ocd.hearings@emnrd.nm.gov, and should include: The name of the party and his or her attorney; a concise statement of the case; the name(s) of the witness(es) the party will call to testify at the hearing; the approximate time the party will need to present his or her case; and identification of any procedural matters that need to be resolved prior to the hearing. The Pre-Hearing Statement must also be provided to the undersigned.

Very truly yours,


James Bruce

Attorney for Mewbourne Oil Company

ATTACHMENT *A*

EXHIBIT A

OXY USA WTP LP
5 Greenway Plaza, Suite 110
Houston, Texas 77046
Attn: Samuel C. D'Amico

EOG Resources, Inc
5509 Champions Drive
Midland, Texas 79706
Attn: Brian Pond

**U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only**

For delivery information, visit our website at www.usps.com®.

OFFICIAL USE

Certified Mail Fee \$ _____

Extra Services & Fees (check box, add fee as appropriate)

Return Receipt (hardcopy) \$ _____

Return Receipt (electronic) \$ _____

Certified Mail Restricted Delivery \$ _____

Adult Signature Required \$ _____

Adult Signature Restricted Delivery \$ _____

Postage \$ _____

Total Postage and Fees \$ _____

Sent To **OXY USA WTP LP**
5 Greenway Plaza, Suite 110
Houston, Texas 77046
Attn: Samuel C. D'Amico

Street and Apt. No. _____
City, State, ZIP+4® _____

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

7202 0090 0000 0600 0202

SENDER: COMPLETE THIS SECTION

1. Article Addressed to:

Complete items 1, 2, and 3.

Print your name and address on the reverse so that we can return the card to you.

Attach this card to the back of the mailpiece, or on the front if space permits.

BOG Resources, Inc
5509 Champions Drive
Midland, Texas 79706

9590 9402 7635 2122 6774 95

2. Article Number (Monitored Mailpiece) **7020 0090 0000 0863 1219** (over \$500)

PS Form 3811, July 2020 PSN 7530-02-000-9053

COMPLETE THIS SECTION ON DELIVERY

A. Signature Agent Addressee

B. Received by (Printed Name) _____ C. Date of Delivery _____

D. Is delivery address different from item 1? Yes No
If YES, enter delivery address below: _____

3. Service Type

Priority Mail Express®

Registered Mail™

Adult Signature Restricted Delivery

Certified Mail®

Collect on Delivery Restricted Delivery

Signature Confirmation™

Signature Confirmation Restricted Delivery

Domestic Return Receipt

**U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only**

For delivery information, visit our website at www.usps.com®.

OFFICIAL USE

Certified Mail Fee \$ _____

Extra Services & Fees (check box, add fee as appropriate)

Return Receipt (hardcopy) \$ _____

Return Receipt (electronic) \$ _____

Certified Mail Restricted Delivery \$ _____

Adult Signature Required \$ _____

Adult Signature Restricted Delivery \$ _____

Postage \$ _____

Total Postage and Fees \$ _____

Sent To **BOG Resources, Inc**
5509 Champions Drive
Midland, Texas 79706

Street and Apt. No., or PO Box, No. _____
City, State, ZIP+4® _____

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

6721 4980 0000 0600 0202

SENDER: COMPLETE THIS SECTION

1. Article Addressed to:

Complete items 1, 2, and 3.

Print your name and address on the reverse so that we can return the card to you.

Attach this card to the back of the mailpiece, or on the front if space permits.

OXY USA WTP LP
5 Greenway Plaza, Suite 110
Houston, Texas 77046
Attn: Samuel C. D'Amico

9590 9402 7635 2122 6452 03

2. Article Number (Monitored Mailpiece) **7020 0090 0000 0863 1226** (over \$500)

PS Form 3811, July 2020 PSN 7530-02-000-9053

COMPLETE THIS SECTION ON DELIVERY

A. Signature Agent Addressee

B. Received by (Printed Name) _____ C. Date of Delivery _____

D. Is delivery address different from item 1? Yes No
If YES, enter delivery address below: _____

3. Service Type

Priority Mail Express®

Registered Mail™

Adult Signature Restricted Delivery

Certified Mail®

Collect on Delivery Restricted Delivery

Signature Confirmation™

Signature Confirmation Restricted Delivery

Domestic Return Receipt